DAX O. Test bopon the first challenge. RAL Cellcount round 0x40-1- = 41 x 104 = 4.1 x 105 cells hul. 0x40-1- = 74x104 = 74x105 cellyhul. 0x40+1+ = 75x104 = 75x105 cellyhul. 0x40+/+ = 54 x124 = 54x105 cellshil. collagoure 5 mg 13000 = 300 W. turi count -2 mind open . 0. X40-1- Rm) LN = 67 x 2 X 1.04 = 1.34 x 106 cells/wl-[PEM] LUNG = 139 XZ XIO4 - 278 KIOG ceelylul. (4ml). (but) spleen = 1036 x 2 x 10t = 2.072 x 107 cellful. [1ml] mindgrap .. Oxyot/+ (2nd) LN = 45x2 x104 = 9.0 x105 cells hul. (Rup . (DW) LUN = 102 X2 x104 = 2.04 x 16 celly lul. (and) [ww/spleen = 65 x2 x 104 = 2050 x 07 celylul. (Im). -- > NY d.CD3 ... mice pulled. befor the prost quallong. LIFN-X 16-2

DAYO .

BAC Cell count => 250 pul. 0x40-1- contral = 55×104 = 55×105 15 X104 = 15 X104 = 1.5 X105 # 2 = 45 1,04 = 4.5 1,05 #3 = 8 K1 64 = 0.8 K105 # 4 = 17x104 = 1.7x105 0x40HT control = 20X104 = 2. X105 #1 = 114 X 104 = 1.14 K 106 #2 = 103 X 104 = 1005 X 106 #3 = 123x104= 1.23x106 115×106 Duns. #4 = 115×109 = 115×106 ... Time cell count = . (1 m) 420x 106 cells in (... 0×40-1- contel =(la) KN 5 LIE XZ KING. (15ml 64leen = 37x\$ x 1.04 (4ml) 1.95x106 allow 1 (1ml) 6.65x 06 cely land X (2ml) 740 x106 (0.5ml) 7-10 x106 Tresere ... (2m) ±1-4 LN= = 85 Ret 148 NS104 3 min (18 mi) # 2-4 LUNG = 142K5 x 124 (0.5 M) 1.305/137 Znee ... (15ml) . # 3-4 Schem = : 273 K5 K 109 ... (Iml) 166 x106 contil (IM) LN = 83 X2 X1 04 = (4m) . tor 6 [15milUNG = 36 x 5x 104 = (lm). 705x106 (15 stylen - 14/ K5×104 = (1 ml) 1425 x107 (2m) #1-4 LN > 238x5X104 = (IM) 380 4 06 # 2-7 LUNG = 156 X9 X134 (0.2M) 1 7764.5 # 3-4 yleen = 342K5 X104 F2

cosinghi cell went:

	DAY O DX40-1- #1	0x40-1#Z	0x40 +1+41	0 x40 +1+ 2.
	Total :- 200	200	. 199	। ११
	Escipli- 0	, o	A	•
	11. = 0	= .O.	50	=0.
	DAY 2. 0 x40-i- Control	0x40+1+contal.		
	Toldin Loo	200		
	cornett: 0	o ·		
- to	377 wifew 209.	## 0x45TH	#1 #2 463510	605 468
. T	= 7.16%- 13.40%	24.91%	56.80% 31.61%	43141 6475
	the second secon			

BAL Gel count 28 ons. DAYY

0x40-/- Sonte = 64x 104 = 6.4x105.	and the second
#1 = 144x5x104 = 3.85K100	26 550 1250 = 5 NZ.
# Z = 497 K2 = 999 KNOG	
# 3 = 24 K2 Sto N	ia
#4 = 140 K2 > 480K \ob	
DXLO+1+ could = 65K104 = 6.5 X105.	
#1 = 296 x 2 x104 - 572 x106	()
# = 616 12 XIOT = 1.23 XIOT	
#3 = 576 X 2 X 104 = 1.15 X 167	
#4= 589XZX104 = 1.18x107	
5	= 3 - oul x 600 = 600
tissin count	70
15 5 h 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	(IMO.
IM) Oxu-1- = cont. LN = 67.62 1.04	(usul)
SM), min who start was a super start of	(Iml).
15ml) 3 yelen - 246 1 x x x x 4	
(2m) 4 - 044 delley. 7-1-174 = LN = 700 x 2 x 104 =	(0.5m).
(15M) sime # 2000 = 227 K5 X 104 =	(1,ml).
(15m) sinc # 224 = 4leer = 299 K5 X104 =	(ogud):
	a la production de la constant de
IM GARNE ONCE - conte = LAN extraporo = 103 x2 x 10 t	(1 + + + + + + + + + + + + + + + + + +
(SM) Imic 43,4 = CUNC = 49 X 2 X 109	
(15ml) 3000 1 1377 Syllen = 129 X2 X104.	
(2ml) Succe ova chulby, 1,24 = LN = 620 x 2 ×104 =	(0'5ml).
(15ml) 5mi 2,3,4 = WNG = 185 X 5 X 109 =	(Iml).
· G	(05ml).
F4	
(SM) Since ON Chilling . 1944 = LN = 620 X 2 x104 = (15M) Since 273,4 = LUNG = 185 X 5 X 104 = (15M). Since 43.4 = 5400 = 337 X5 X 104 = F4	(m).

FACE BALE - FS-SSC -

DAY 4

			1000	• • •			,
BAL	F DAY	4 PSC/S	۶¢ ۰		-,, 41		
- 0X.		see.			-		
1. 0 Kg	0-1-C	D 0 1		•			
2.	# 1.	0.02	-				
3.	# 2	0.03					
4.	# 3	0.04		0 -			
۶.	# 4	0.05					
6: 044	-ott.C	0.06					
7		0.07					
8.	# 7	0.08				2	-
9.	#3	0.09					
١٥٠	#4	0.010				B	
# Hj	#8					9	
5	#8						

F5

O YAQ

<u>AG 6756</u>

Investigator: Croft/Shahram
Protocol: AF3-MC1-032802 Rec'd:.

Species: Mouse

Source: Jax

Date Weaned:

Strain: C57BL/6J

Sex: Female

DOB: Dam:

Sire:

Eccus exichests OTI: CX40+/+

ON Challenge.

killes

DAYG

AG 6751

Investigator: Croft/Shahram

Protocol: AF3-MC1-032802 Rec'd: Species: Mouse Source: Jax

Strain: C57BL/6J

Sex: Female

DOB: Dam:

Date Weaned:

Sire:

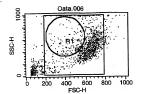
exicules CTII OXUE-/_

- ory chill-

fold 112: - Adoption	pour selleny
100 1. CD4 APC 7	[2.29 (=> FSC -> Z.05
101 7 VK P6	- (481 6) SSC => 463.
1023. VB Costs.) Befor signiti	489 0 Fi-1 - 600 474 85
163 4. CFS6.	SU GREZ 574 .570 485 SU
Pt 5 tit CFSE	718.6 FC3 - 763 700 718
PS 61- CBE.	96 AFC4 845 826 .90
10 7. constand.	
vir 8 494 AIC.	
185 9. VA	FL-2 265 FL-1
W. Co. VB	FL-Z o.C FL-3
111. 1. 11. 11. LN)	FL3 242 1-2-2 254
11212" 12. +1+ WN . }	pc-3 23-6 pc-4
13. 13. +1+ Spleen. Dotyo	PC4 0. PC-3.
114. 14. 7- LN	and the second s
15. 15 LWMG. \	(a.a. a
116. 161- Splen)	
-117: 17: +1+ LN - 7 7.	24. +/+ LN -)
119. 19. HIT WAL Control	30.7/+ LUNG ant
4. 19 +/+ spee }	31. 4/+ Splen.) /
120. 20. +11 LN 7	32. +/+ LN
MI LL +1+ LUNG DAYA.	33. 4/+ LUNG YOVA DAY 4
122 22 41+ Glen.)	477. 34 +/t splen) in
123. 23. 7- LM	35: -1. LN
14 24. 1- LUNG & cont	361- WWG Scorte.
125. 25: -1- Splan)	3710 Eplen)
16.261- LN 7 -	381- LN)
127.271- WNG JOVA.	39/> LUNE SONA.
14 261 - Splem	40. 4- Splen }

AY2	TNW#9	UZUB	positi	CD4	aels.
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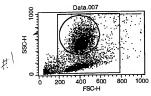
	1	DAYO	1 DAY 2.
. DA xio	+/+ LN PBS	25650 X104	7.40 1104 65
	+/+ LN OVA.		473 X105
	-1- LN 1BS	2.6667 x104	3.18× 105
SEY 2	-1- LN OVA.		2 · 80X · 05
SACKED	+/+ LUNC PBS	293760×105	1.191106
	+C+ LUNG OVA		2.99×10 7.5
	7- LUNG MBS	5.27 7105	3.05×10
	-1- LUNG. OWA.		3.09 %1.06
Help	+1+ after PBS	184 X106	4.66 x 136
	* It after an		1.40×103 3-)
	-1- Eylen MSS	2.76×106	5-137×106
	-1- gelen ova.		7.32x10
M42 2			
		\	



File: Data.006 Acquisition Date: Gated Events: 4449 X Parameter: FSC-H (Linear)

Sample ID: 6 (0X40%) Gate: No Gate Total Events: 4449 Y Parameter: SSC-H (Linear)

Region	Events	% Gated	% Total	X Geo Mean	Y Geo Mean	
R1	371	8.34	8.34	443.40	538.14	
R2	3433	77.16	77.16	580.35	453.94	0



Sample ID: 7 (0X40+/+) File: Data.007 Acquisition Date: Gate: No Gate Total Events: 20000 Gated Events: 20000 X Parameter: FSC-H (Linear)

> 47.91 47.91

> 87.96 87.96

Y Parameter: SSC-H (Linear) Region Events % Gated % Total X Geo Mean Y Geo Mean 547.33 303.17

۶	3	Data.008	
Hoss	200	400 6 FSC-H	00 800 1000

File: Data.008 Acquisition Date: Gated Events: 20000 X Parameter: FSC-H (Linear)

9582

17592

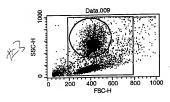
R2

Sample ID: 8 (0X40+/+) Gate: No Gate Total Events: 20000 Y Parameter: SSC-H (Linear)

416.11

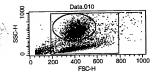
402.27

Region	Events	% Gated	% Total	X Geo Mean	Y Geo Mean	44-00
R1	7624	38.12	38.12	420.18	558.87	
R2	17364	86.82	86.82	401.27	265.46	



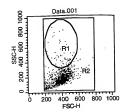
File: Data.009 Acquisition Date: Gated Events: 20000 X Parameter: FSC-H (Linear) Sample ID: 9 (0X40+/+) Gate: No Gate Total Events: 20000 Y Parameter: SSC-H (Linear)

Region	Events	% Gated	% Total	X Geo Mean	Y Geo Mean	
R1	7846	39.23	39.23	417.90	547.84	
R2	17594	87.97	87.97	403.40	267.84	



File: Data.010 Acquisition Date: Gated Events: 20000 X Parameter: FSC-H (Linear) Sample ID: 10 (0X40+/+) Gate: No Gate Total Events: 20000 Y Parameter: SSC-H (Linear

Region	Events	% Gated	% Total	X Geo Mean	Y Geo Mean
R1	9063		45.32		
R2	17510	87.55	87.55	400.01	298.35



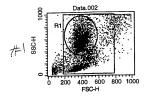
Sample ID: 1 File: Data.001 Gate: G2 Acquisition Date: Gated Events: 1355

X Parameter: FSC-H (Linear)

Total Events: 2540

Y Parameter: SSC-H (Linear)

Region	Events	% Gated	% Total	X Geo Mean	Y Geo Mean
Rt	73	5.39	2.87	399.10	488.51
R2	1355	100.00	53.35	384.48	178.22



Sample ID: 2 (0X40-/-) File: Data.002 Gate: No Gate Acquisition Date: Total Events: 20000 Gated Events: 20000 Y Parameter: SSC-H (Linear) X Parameter: FSC-H (Linear)

Region	Events	% Gated	% Total	X Geo Mean	Y Geo Mean
R1	9862	49.31	49.31	399.58	570.60
			05.00	405.00	260.42

Data.003 200 400 600 800 1000 FSC-H

Sample ID: 3 (0X40-/-) File: Data 003 Gate: No Gate Acquisition Date: Total Events: 20000 Gated Events: 20000 Y Parameter: SSC-H (Linear) X Parameter, FSC-H (Linear)

Region	Events	% Gated	% Total	X Geo Mean	Y Geo Mean
R1	9881	49.41	49.41	409.32	565.83
	17406	97.02	87.03	397.05	325.51

56.00

Data.004	
#3 ss 400 600 800 100 FSCH	00

File: Data.004 Sample ID: 4 (0X40-/-) Acquisition Date: 1 Patient ID: Gated Events: 20000 Gate: No Gate Total Events: 20000

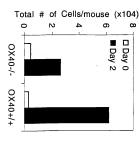
Region	Events	% Gated	%.Total	X Geo Mean
R1	10083		50.42	
R2	17120	85.60	85.60	401.14

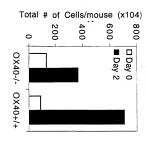
58,00

	2		Data.0	05		_
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Ŧ	1	(/3				1
# U SS	4.			Š.		1
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	<u>- ₹</u>	200	400	600	800 10	700 H
	U	200	FSC		000	,,,,

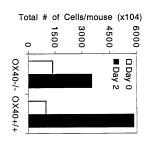
Sample ID: 5 (0X40-/-) File: Data.005 Acquisition Date: Gate: No Gate Total Events: 20000 Gated Events: 20000 Y Parameter: SSC-H (Linear) X Parameter: FSC-H (Linear)

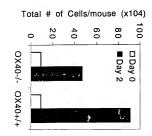
Region	% Gated	% Total	X Geo Mean	Y Geo Mean
R1	49.53	49.53	406.11	536.70
R2	90.44	90.44	403.24	314.07











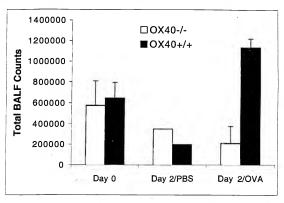


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SAYO

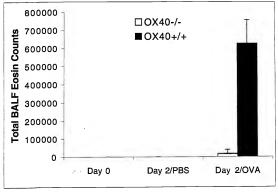
Day0		Day 2			
OX40-/-	OX40+/+	OX40-/-	OX40+/+	OX40-/-	OX40+/+
410000	750000	350000	200000	150000	1140000
740000	540000			450000	1030000
				80000	1230000
				170000	1150000
575000	645000	350000	200000	212500	1137500
233345.238	148492.424	0	0	162967.277	82209.083

	Day 0	Day 2/PBS	Day 2/OVA		
OX40-/-	575000	350000	212500	233345	0
OX40+/+	645000	200000	1137500	148492	0



Eosinophils% OX40+/+ Eosinophils% OX40-/-#3 #3 . . #1 170000 150000 80000 1140000 1230000 1150000 7.16 13.4 24.91 56.8 39.61 64.75 10740 10720 42347 647520 487203 744625





Stop

-(P)/Ac

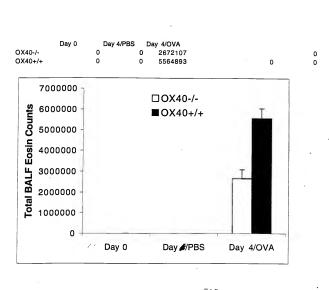
0

Day0 OX40-/- 410000	OX40+/+ 750000	Day 2 OX40-/- 640000	OX40+/+ 650000	OX40-/- 3880000	OX40+/+
740000	540000				12300000
				5200000	11500000
				4800000	. 11800000
575000	645000	640000	650000	4626666.67	11866666.7
233345.238	148492.424	0	0	676855.474	404145.188

	Day 0	Day 4/PBS	Day 4/OVA	
OX40-/-	575000	640000	4626666	233345
OX40+/+	645000	650000	10330000	148492

Josin DAY (9)

OX40-/-	Eosinophils%	0	X40+/+	Eosinophils%		
#1	#3	#4		#2	#3	#4
3880000	5200000	4800000		12300000	11500000	11800000
57.4	58.9	56.8		44	45	51.76
2227120	3062800	2726400		5412000	5175000	6107680



OX40-/-	Eosinophils%		OX40+/+	Eosinophils%		
# 1	#3	#4		#1	#3	#4
150000	80000	170000		1140000	1230000	1150000
7.16	13.4	24.91		56.8	39.61	64.75
10740		42347		647520	487203	744625
Day 2	OX40-/-	OX40+/+	Day 4	OX40-/-	OX40+/+	
•	7.16	56.8		57.4	54.45	
	13.4	39.61		56.8	44	
	24.91	64.75		58.9	51.76	
	15.1566667	53.72		57.7	50.07	
		12.8498911		1.08166538	5.42611279	
	OX40-/-	OX40+/+		9 12.85		
Day 2	15.16	53.72		1 5.42		
Day 4	57.7	50.07				

